

IMPROVED PTFE VASCULAR GRAFT AND METHOD OF MANUFACTURE

ABSTRACT OF THE DISCLOSURE:

5 An implantable microporous ePTFE tubular vascular graft exhibits long term patency, superior radial tensile strength and suture hole elongation resistance. The graft includes a first ePTFE tube and a second ePTFE tube circumferentially disposed over the first tube. The first ePTFE tube exhibits a porosity sufficient to promote cell endothelization, tissue ingrowth and healing. The second ePTFE tube exhibits enhanced radial strength in excess of the radial tensile
10 strength of the first tube.

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